Combinatorial Bandit Algorithms in Practice

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Introduction

- Bandit Algorithms and Online Learning
 - These problems have generated a lot of interest recently
- Different variation semi-bandit and full-bandit



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Introduction

- Stochastic combinatorial semi-bandit problems
 - Online learning problem where an agent chooses a subset of ground items at each step - subject to combinatorial constraints
 - The stochastic weights of these items are observed and their sum is received as a payoff



Conclusion

- Different algorithms perform better in different scenarios
- Adverserial and stochastic settings must be handled differently
 - We compare CombUCB1, FPL-Trix and CombLinTS
- next point
 - sub-point



Conclusion

- Final remarks
 - Remark 1
 - Remark 2

